

## A BRIEF REVIEW ON THE RECORDED VITAL STATISTICS OF DISTRICTS FOR THE HALF-YEAR ENDING 31ST DECEMBER 1923.

A statement showing by districts the number of births, the number of deaths, classified according to principal causes, and the infantile mortality, recorded during the half-year is hereto annexed.

### BIRTHS.

2. The total number of births registered during the half-year was 58,880 as against 46,652 in the preceding half-year equivalent to annual ratio of 20·09 and 15·92 respectively per mille of population. The highest birthrate (23·86) was recorded for the Kolar District and the lowest (16·86) for the Hassan District, the rates for the other districts ranging between 17·36 (Kadur) and 22·16 (Tumkur).

### DEATHS.

3. The number of deaths under all causes returned for the half-year totalled 53,284, yielding an annual ratio of 18·18 per 1,000 of population as compared with 41,058 and 14·01 per mille in the preceding half-year. The deathrate for the Chitaldrug District (11·96) was the lowest during the half-year and that for the Hassan District (26·14) the highest, the rates for the other districts ranging between 15·88 (Kolar District) and 21·58 (Kadur District).

Births exceeded deaths in all the districts except in Hassan and Kadur Districts.

### INFANTILE MORTALITY.

4. The total number of children under one year of age that died during the half-year was 5,139 as against 4,172 during the preceding half-year. This gives an average of 87·27 per 1,000 of recorded births. The highest infantile mortality rates were returned for Hassan (114·56); Kadur (109·08); Shimoga (106·50); and Chitaldrug (98·93). The lowest rate (59·11) was reported, as in the case of the preceding half-year, for the Mysore District.

### INFECTIOUS DISEASES.

5. *Plague*.—Plague prevailed in all the districts accounting for 7,464 deaths as compared with 2,800 deaths in the preceding half-year, the districts of Mysore, Bangalore, Shimoga and Hassan contributing a relatively large number of deaths, *viz.*, 1,900; 1,871; 1,175; and 1,077 respectively.

6. *Cholera*.—Cholera accounted for 31 deaths during the half-year. The districts of Tumkur, Hassan and Kadur were entirely free from the disease. A few sporadic cases occurred in the Kolar, Shimoga and Bangalore Districts. The districts of Chitaldrug and Mysore returned 17 and 7 cases respectively. At the close of the half-year the disease exhibited signs of spreading rapidly.

7. *Small-pox*.—The total number of deaths under small-pox was 1,716 as against 1,143 in the preceding half-year. Kadur District was entirely free from the epidemic, while a single fatal case was returned from the Shimoga District. The disease prevailed in a rather virulent form in the districts of Mysore and Bangalore. During the half-year the number of vaccinations performed totalled 60,276.

8. *Fevers*.—During the half-year 24,644 deaths were returned as due to fevers against a total number of 20,381 deaths under this head, during the preceding half-year. The incidence of fevers in the Mysore, Hassan and Tumkur Districts was comparatively high partly due to the prevalence of relapsing fever but mostly to Malaria. Nearly 46 per cent of the total mortality is registered under "Fevers," which include Malaria, Typhoid, Pneumonia, Influenza, Relapsing fever and other febrile diseases of unknown origin.

In this connection, the President of the District Board, Hassan, states in his review of the Vital Statistics for the district, as follows:—

"In spite of the wide and free distribution of Quinine by the Board under the Malnad Improvement Grant, the supply is still inadequate. The supply of a larger and adequate quantity of quinine to the Malnad Hospitals will greatly reduce the number of malarial cases. In cases of Relapsing Fever and Influenza, adequate provision has to be made for nourishment. The low vitality of the people in the Malnad parts and want of good nourishment in time disable patients from withstanding the attack of fever and they often succumb."

A scheme for dealing with the situation in some of the worst affected taluks in the district has been suggested for the consideration of the District Board.

9. *Dysentery and Diarrhoea*.—One thousand seven hundred and sixty nine deaths were recorded during the half-year under this head, as compared with 1,395 in the preceding half-year.

10. *Respiratory diseases*.—A total number of 1,078 deaths was returned as due to Respiratory diseases.

11. Five hundred and seventy-five deaths were returned during the half-year as due to wounding or accident, or snake-bite and suicide.

12. On the whole, Public Health during the half-year, may be said to have been free from any abnormal features.

Statement showing the Vital Statistics for the half-year ending 31st December 1923.  
(Vide Government Order No. 4215-36—Stl. 23-21-1, dated the 14th March 1922.)

| No. | District       | Population according to Census of 1921 | Number of births registered | Annual ratio per mille of population | Number of deaths registered | Annual ratio per mille of population | Causes of death |         |           |
|-----|----------------|--|-----------------------------|--------------------------------------|-----------------------------|--------------------------------------|-----------------|---------|-----------|
|     |                |  |                             |                                      |                             |                                      | Plague          | Cholera | Small-pox |
| 1   | Bangalore ..   | 906,935                                | 9,484                       | 20.91                                | 8,394                       | 18.51                                | 1,871           | 4       | 236       |
| 2   | Kolar ..       | 782,339                                | 9,459                       | 23.86                                | 6,298                       | 15.88                                | 585             | 1       | 60        |
| 3   | Tumkur ..      | 773,122                                | 8,567                       | 22.16                                | 6,154                       | 15.91                                | 348             | ..      | 40        |
| 4   | Mysore ..      | 103,319                                | 12,972                      | 18.48                                | 12,710                      | 18.11                                | 1,900           | 7       | 1,216     |
| 5   | Hassan ..      | 583,960                                | 4,923                       | 16.86                                | 7,633                       | 26.14                                | 1,077           | ..      | 26        |
| 6   | Shimoga ..     | 492,560                                | 5,333                       | 21.65                                | 5,057                       | 20.53                                | 1,175           | 2       | 1         |
| 7   | Radur ..       | 333,538                                | 2,896                       | 17.36                                | 3,602                       | 21.58                                | 27              | ..      | ..        |
| 8   | Chitaldrug ..  | 574,179                                | 5,246                       | 18.27                                | 3,436                       | 11.96                                | 239             | 17      | 137       |
|     | Grand Total .. | 5,859,952                              | 58,880                      | 20.09                                | 53,284                      | 18.18                                | 7,464           | 31      | 1,716     |

  

| No. | District       | Causes of death—concl.d. |                      |  |         |                   |                                     |                  | Number of deaths among children under one year | Ratio per 1,000 births registered |
|-----|----------------|--------------------------|----------------------|--|---------|-------------------|-------------------------------------|------------------|--|-----------------------------------|
|     |                | Fevers                   | Respiratory diseases | Dysentery, diarrhoea or other bowel complaints | Suicide | Wound or accident | Snake bite or killed by wild beasts | All other causes |  |                                   |
| 1   | Bangalore ..   | 2,553                    | 523                  | 254  | 18      | 112               | 11                                  | 2,812            | 903  | 95.21                             |
| 2   | Kolar ..       | 2,460                    | 132                  | 297  | 11      | 80                | 12                                  | 2,660            | 928  | 98.10                             |
| 3   | Tumkur ..      | 3,154                    | 58                   | 124  | 12      | 52                | 7                                   | 2,361            | 562  | 65.60                             |
| 4   | Mysore ..      | 5,408                    | 223                  | 492  | 18      | 75                | 18                                  | 3,343            | 777  | 59.11                             |
| 5   | Hassan ..      | 2,246                    | 52                   | 196  | 13      | 30                | 5                                   | 1,379            | 564  | 114.56                            |
| 6   | Shimoga ..     | 2,250                    | 45                   | 197  | 10      | 7                 | 7                                   | 1,349            | 568  | 106.50                            |
| 7   | Radur ..       | 2,250                    | 23                   | 85   | ..      | 25                | 4                                   | 963              | 318  | ..                                |
| 8   | Chitaldrug ..  | 1,718                    | 23                   | 118  | ..      | 25                | 4                                   | 1,135            | 519  | ..                                |
|     | Grand Total .. | 25,444                   | 1,078                | 1,796  | 80      | 256               | 60                                  | 17,135           | 5,119  | ..                                |

|    |       |     |    |       |        |
|----|-------|-----|----|-------|--------|
|    |       |     | 16 |       | 108705 |
|    |       |     |    |       | 98.93  |
| .. | 24,01 | 405 | 80 | 16,06 | 87.27  |
|    |       |     |    | 5,139 |        |

SANITARY COMMISSIONER  
GOVERNMENT OF MYSORE,  
e, dated 1st August 1924.

H. B. MYLVAGANAM, F. C.S. (Eng.),  
Sanitary Commissioner M. G.